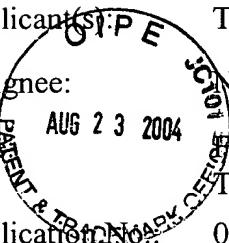
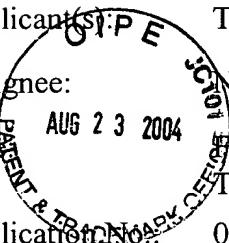
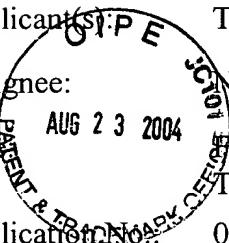


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):  Ttsu Koyama; Jason Peng; and Paul E. Cohen

Assignee:  NEC Electronics, Inc.

Title:  FOUR DIMENSIONAL EQUALIZER AND FAR-END CROSS TALK CANCELER IN GIGABIT ETHERNET SIGNALS

Application No.: 09/672,644 Filing Date: September 28, 2000

Examiner: Harry Vartanian Group Art Unit: 2634

Docket No.: NEC0235US Confirmation No.: 7976

Austin, Texas  
August 18, 2004

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

AUG 25 2004

**RESPONSE TO FINAL OFFICE ACTION**

Technology Center 2600

Dear Sir:

This paper is responsive to the Office Action dated June 9, 2004, having a shortened statutory period expiring on September 9, 2004. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper.